

**INFORMATION DISCLOSURE STATEMENT**

Applicant	:	Michiharu Yamamoto, et al.
App. No.	:	Unknown
Filed	:	Herewith
For	:	PHOTOREFRACTIVE COMPOSITION
Examiner	:	Unknown
Group Art Unit	:	Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing nine (9) references that are also enclosed.

This Information Disclosure Statement is being filed with an RCE or within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: September 9, 2003

By: 

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NDTCO.002A	APPLICATION NO. Unknown
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Michiharu Yamamoto, et al.	
		FILING DATE Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	1.	07-318992	12/08/05	Japan			abstract	
	2.	10-33395	12/18/08	Japan			abstract	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	3.	K. Tamura, et al., New polymeric material containing the tricyanovinylcarbazole group for photorefractive applications, Appl. Phys. Lett. 60(15), 13 April 1992, pp. 1803-1805
	4.	T. Kawakami, et al., Photoinduced refractive index change in a photoconductive electro-optic polymer, Appl. Phys. Lett. 62 (18), 3 May 1993, pp. 2167-2169
	5.	K. Meerholz, et al. A photorefractive polymer with high optical gain and diffraction efficiency near 100%, Nature Vol 371, 6 October 1994, pp. 497-500
	6.	Hisaya Sato, et al., Synthesis and Characterization of Photorefractive Polymeric Material with high Charge Mobility, Technical Report of IEICB (10005-10), pp. 43-45
	7.	David Van Steenwinckel, et al., Fully Functionalized Photorefractive Polymethacrylates with net Gain at 780 nm, Macromolecules, Vol. 33, No. 11, 2000, pp. 4074-4079
	8.	IN KYU MOON, et al., Highly Efficient Photorefractive System Based on Carbazole-Substituted Poly (Siloxane), Mol. Cryst. Liq. Cryst. 2000 Vol 349, pp 43-46
	9.	R. Twieg, et al., RECENT PROGRESS ON PHOTOREFRACTIVE CHROMOPHORES AND POLYMERS, IBM Research Division Almaden Research Laboratory, San Jose, CA 95120, pp. 164-165

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EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	